

mP EC1	EWMPPIFVP	ENGK	GPFPQRLNQL	KSNK	DRGRTKIFYYSITGPGADSPPEGVFTIEKES
fat EC18	EDTVYSFDID	ENAGR	GYQVGQIV	ARDAD	LGGNAQLSYGVVSDWANDVFSLNQQT
PC42 EC2	ASPVITLAIP	ENTNI	GSFLPIPL	ASDRD	ANELQVAEDQEEKQQLIVM
HPT-1 EC1	IVTENIWKAPKV	EMVEN	-STPHPIKITQ	VRWNP	PGAQYSLVDKEKLPFPFSIDQE
BTRcad-1	ITANLGTQVIYMD	EIDEITIAILN	YNGPSTP	FIELP	FLSGSYNLLMPVIRRVN
BTRcad-2	QNFEPICRVP	ELGEP	GLTECTYQ	VSDAD	GRISTEFMTFRIDSR
BTRcad-3	LEIFAVQQFE	EKSYQ	-NFTVR	AIDGD	TEINMPINRYRLITNEEDTFFSIEALPGGKS
BTRcad-4	IHKYRLAIM	EETPL	TLNFDKEFG	FHDKD	LGGNAQYTVRLESVDPPGAEEFYIAPEV
BTRcad-5	EHAVQTVTFD	ETRGE	GFFVAKAV	AHDDI	GDVVEHTLLGNAVNFLTIDKLT
BTRcad-6	RLPRGSPQVE	ENVPD	-AHVITQELR	AIDPD	ITADLRFENWDTSFATKQGRQANPDEFRCNVEIETIP
BTRcad-7	VEGTLQNFVR	EMSAG	GLVVGSR	ADDID	GPLYNQVRYTIFPREDTDKDLIMIELPH
BTRcad-8	ETTKFDTVVIY	ENATH	-LDEVVTLI	ASDLR	DEIYHMVSVINAVNPRLMNFFSVNRET
BTRcad-9	PPPSSELSWTIS	ENLKO	GVRLEPHIF	APRDE	PDTNDSRVGYEILNLSTERDIEVPELFVMIQIIANVT
BTRcad-10	VFPTNDAVIRLAR	ERAVIN	GVLATVNGEFLERIS	AIDPD	GLHAGVVTQGVGDEESQRYEQVVDND
BTRcad-11	ASSEHAVAFI	EKSA	GMEESHQPL	AQDI	KNHLCEDDCHSIYRIIDGNSEGHF

Cadherin Consensus Motif -----E....-----A.D.D.....G.....

mP EC1	GWLLHMP	LDREK	IVKYELYGHA	SENGA	SVEEPMN	ISIIVT	DNDN	KPKF	(SEQ ID NO: 8)
fat EC18	GMLTLTAR	LDYEE	VQHYILIVQA	QDNGQP	SLSTIT	IVYCNVL	LDNDNA	PIEF	(SEQ ID NO: 9)
PC42 EC2	GN	LDRE	RWDSYDLTIKVQ	DGGSP	PRAT	SALLRVTVL	DTNDNA	PKF	(SEQ ID NO: 10)
HPT-1 EC1	GDIYVTOP	LDRE	EKDAYFYAVAK	DEYKG	PLSY	PLEIHVKVKDI	INDNP	PTC	(SEQ ID NO: 11)
BTRcad-1	GSASHH	HARG	HYELPGMQYM	FNRVD	GQSL	VAGVSLAIVNI	DDNA	PII	
BTRcad-2	GDEETFYIERTNIPNQWMLNMTIGVNTS	LNFTV	SPHF	SVTALDSL	PNTH	VTVMVQVANVNSR	PPRW		
BTRcad-3	GAVFLV	LDRT	LQREVFPLTI	VAYKYDEE	AFST	STNVVIIVT	DIINDQ	RPE	
BTRcad-4	GYQRQTFIMGTLNHSM	IDYEV	PEFQSITIRV	VATDNDNT	RHVG	VALVHIDLIN	NDNQ	PIEF	
BTRcad-5	GDIRVSANDSFN	YHRE	SELFQVVRAT	DTLGQP	FHTA	TSQVLVIRLND	INNT	PPT	
BTRcad-6	FPEINNINNRGLAIGRVVAREIRHNVT	IDYEE	FEVLSLTVR	VRDLNTVYG	DDY	DESLTITI	IDMNDNA	PVM	
BTRcad-7	GSNFRE-HKRRIDANTPPRFHLYYTVA	SDRC	STEDPAD	CPDPT	YWE	TEGNTITI	ITIDNNK	VPOA	
BTRcad-8	GLVYVDYETQGS	IDRD	GDEPTHRIF	FFNLIDNFM	GE	EGEGN-RNQND	TEVLVILL	DMNDNA	PEL
BTRcad-9	GVEILNLSTERDIEVPELFVMIQIANVT	GELE	ITAMD	LKGWGT	YAIYILAF	DHGI	PMQSMN	ETELIHP	FNYYAPEL
BTRcad-10	GENLGSRLLOAVPE	EIRE	FRITIRAT	DQGTDP	-----	GPL	STDMTFR	VFPV	IQGEPRF
BTRcad-11	GLDPVRNRLFLKKE	LIRK	DSASHTLQVA	ASNSPDGGI	-----	PL	PASILT	VTVT	VREADPRPVE

Cadherin Consensus Motif G.....DRE.....D.....D.ND...P.F

FIG. 21